

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
5 August 2004 (05.08.2004)

PCT

(10) International Publication Number
WO 2004/064532 A1

(51) International Patent Classification⁷: A23G 3/12, A23P 1/10

(21) International Application Number:

PCT/AU2004/000058

(22) International Filing Date: 16 January 2004 (16.01.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

2003900246 17 January 2003 (17.01.2003) AU

(71) Applicant (for all designated States except US): MARS INCORPORATED [US/US]; 6885 Elm Street, McLean, VA 22101-3883 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): LANG, Robert [AU/AU]; Ring Road, Wendouree, VIC 3355 (AU).

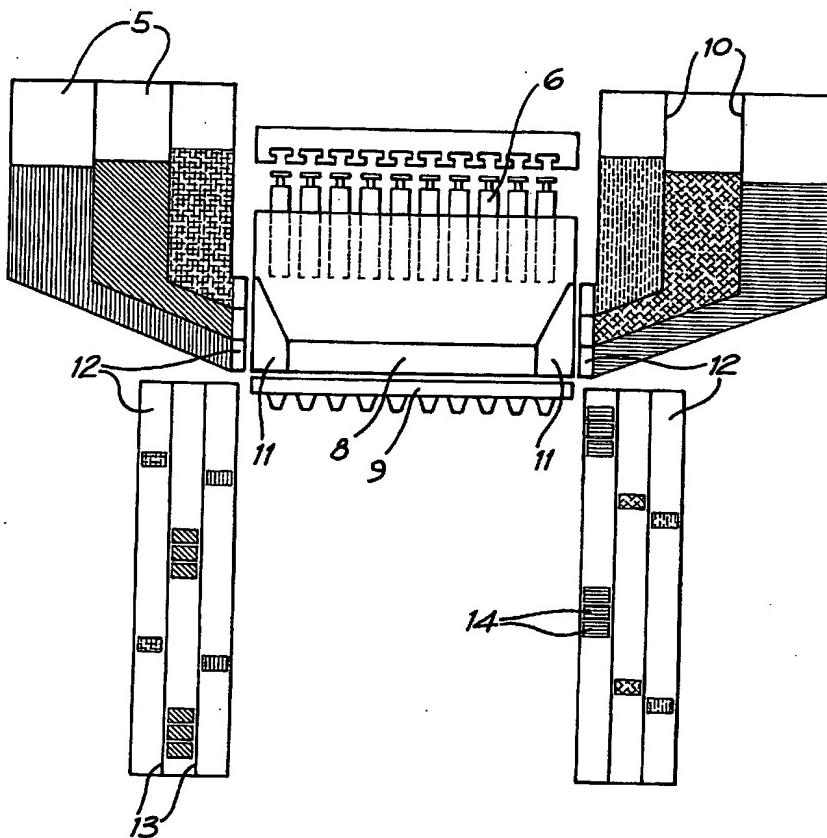
(74) Agent: WATERMARK PATENT & TRADE MARK ATTORNEYS; Building 1, Binary Centre, Riverside Corporate Park, 3 Richardson Place, North Ryde, NSW 2113 (AU).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR,

[Continued on next page]

(54) Title: IMPROVEMENTS IN FOOD DEPOSITION APPARATUS



(57) Abstract: Disclosed is apparatus for the storage and deposition of a plurality of liquid food components to a mould, said apparatus including: a deposition mechanism for intermittently depositing predetermined quantities of said plurality of liquid food components to said mould, said mechanism having a plurality of individual deposition points; a plurality of liquid food storage vessels, each having an outlet adapted to supply an individual liquid food component to said deposition mechanism; and a plurality of arrayed liquid food supply galleries extending from said liquid food storage vessels to said deposition mechanism, thereby to facilitate flow of said food components to said deposition points; wherein said plurality of liquid food storage vessels are each equipped with an elongate outlet, said outlet being adapted to allow said liquid food to flow substantially directly into each supply gallery along that inlet region; and wherein there is provided a means for selectively allowing or preventing flow of the contents of each or any of said vessels to each or any of said galleries.



GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

- *with international search report*